

Design Technology Summer Curriculum overview 2022-2023

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Summer	<p><u>Animals</u></p> <ul style="list-style-type: none"> To design and make an animal in clay. Create and learn an animal dance. Role play and create animal stories. <p><u>Plants</u></p> <ul style="list-style-type: none"> To observe the seeds we plant over time and draw their activity. Draw and paint a sunflower. 	<p><u>Food – Fruit and Vegetables</u></p> <ul style="list-style-type: none"> Identify if a food is a fruit or a vegetable Identify where plants grow and which parts we eat Taste and compare fruit and vegetables Make a fruit salad 	<p><u>Structures – Baby Bear’s Chair</u></p> <ul style="list-style-type: none"> Explore the concept and features of structures and the stability of different shapes Understand that the shape of the structure affects its strength Make a structure according to design criteria Produce a finished structure and evaluate its strength, stiffness and stability 	<p><u>Structures – Constructing a Roman Fort</u></p> <ul style="list-style-type: none"> Recognise how multiple shapes are combined to create a strong and stable structure Design a Roman fort Construct 3D nets Construct and evaluate a final product 	<p><u>Food – Adapting a Recipe</u></p> <ul style="list-style-type: none"> Follow a baking recipe Taste test different ingredients Make and test a prototype Design a biscuit to a given budget Make a biscuit and packaging <p><u>Mechanical Systems - Making a slingshot car</u></p> <ul style="list-style-type: none"> Build a car chassis Design a shape that reduces air resistance Make a model based on a chosen design Assemble and test a completed product 	<p><u>Electrical Systems - Doodlers</u></p> <ul style="list-style-type: none"> Identify simple circuit components (battery, bulb and switch) with a basic explanation of their function. Create a functional Doodler that creates scribbles on paper with or without a switch. To develop a DIY kit for another individual to assemble their product. 	<p><u>Textiles – Waistcoats</u></p> <ul style="list-style-type: none"> Design a waistcoat Mark and cut fabric according to a design Assemble a waist coat Decorate a waistcoat Evaluate a waistcoat